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(71) Applicant (for all designated States except US): **ABB RESEARCH LTD [CH/CH]**; Affolternstrasse 52, CH-8050 Zürich (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **JUEL, Per C** [NO/NO] (NO). **MARTINEZ, Robert** [NO/NO] (NO). **FJELLDALEN, Per** [NO/NO] (NO).

(74) Agent: **DAHLSTRAND, Björn**; Legal & Compliance/Intellectual Property, Forskargränd 8, S-721 78 Västerås (SE).

(54) Title: A METHOD IN A SAFETY SYSTEM FOR CONTROLLING A PROCESS OR EQUIPMENT

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

The screenshot shows a software interface for safety engineering. On the left, there is a tree view of a safety structure under 'Ormen Lange, Site'. Nodes include 'Separation, 3 stages Separation' (with 'V22-101, Separator' and 'Undesirable Event, Overflow' sub-nodes), 'V22-102, Separator' (with 'Undesirable Event, Overflow' and 'Undesirable Event, Overpressure' sub-nodes), and 'V22-103, Separator' (with 'Undesirable Event, Overflow' and 'Undesirable Event, Overpressure' sub-nodes). On the right, a detailed table titled 'Aspects of 'SIF_22_PS-003'' is displayed, showing columns for 'Aspect', 'Desc...', 'Inherited', 'Category name', and 'Type'. Below this, another window titled 'SIF_22_PS-003:CauseAndEffect' shows a grid of cause-and-effect relationships between various events and actions.

(57) Abstract: A method in a industrial safety system for controlling a process or equipment, which industrial safety system comprises components with safety devices, which control system enables signals to be generated as a result of an event or alarm. An automated link is created between the event or alarm and an action to be taken upon receipt of said event or alarm signal due to the event. A control signal is generated to initiate the action. Also a computerised system according to the method is described.

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